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Customer Number

Patent
Case No.: 59447US010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: BONK, JASON D.
Application No.: 10/596897 Confirmation No.:
Filed: December 23, 2004
Title: IMIDAZOQUINOLINYL, IMIDAZOPYRIDINYL, AND
IMIDAZONAPHTHYRIDINYL SULFONAMIDES

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p).

Respectfully submitted,

16 OCTOBER 2006
Date

By: Dean A. Ersfeld
Dean A. Ersfeld, Reg. No.: 46,689
Telephone No.: 651-733-7830

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.D./

Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 1 of 6	Application Number	10/596897
	Filing Date	December 23, 2004
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U.S. Patent Documents					
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		Doc. Number-(Kind Code if Known)			
	A1	US- 3,314,941	04-18-1967	Littell et al.	
	A2	US- 4,689,338	08-25-1987	John F. Gerster	
	A3	US- 4,698,348	10-06-1987	John F. Gerster	
	A4	US- 4,929,624	05-29-1990	Gerster et al.	
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	A6	US- 5,037,986	08-06-1991	John F. Gerster	
	A7	US- 5,175,296	12-29-1992	Gerster	
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	A16	US- 5,446,153	08-29-1995	Llindstrom et al.	
	A17	US- 5,482,936	01-09-1996	Kyle J. Lindstrom	
	A18	US- 5,693,811	12-02-1997	Lindstrom	
	A19	US- 5,741,908	04-21-1998	Gerster et al.	
	A20	US- 5,756,747	05-26-1998	Gerster et al.	
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	A22	US- 6,039,969	03-21-2000	Tomai et al.	
	A23	US- 6,069,149	05-30-2000	Nanba et al.	
	A24	US- 6,083,505	07-04-2000	Miller et al.	
	A25	US- 6,110,929	08-29-2000	Gerster et al.	
	A26	US- 6,194,425	02-27-2001	Gerster et al.	
	A27	US- 6,245,776	06-12-2001	Skwierczynski et al.	
	A28	US- 6,331,539	12-18-2001	Crooks et al.	

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		Doc. Number-(Kind Code if Known)			
	A29	US- 6,376,669	04-23-2002	Rice et al.	
	A30	US- 6,451,810	09-17-2002	Coleman et al.	
	A31	US- 6,518,265	02-11-2003	Kato et al.	
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	A51	US- 6,706,728	03-16-2004	Hedenstrom, et al.	
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	A54	US- 6,797,718	09-28-2004	Dellaria, et al.	
	A55	US- 6,818,650	11-16-2004	Griesgraber	
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	A85	US- 2004/0202720	10-14-2004	Wightman et al.	
	A86	US- 2004/0214851	10-28-2004	Birmachu et al.	
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		Ctry. Code	Number-KindCode (If known)				
	B1	PCT	WO 02/36592	05-10-2002			X
	B2	PCT	WO 05/018551	03-03-2005			
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	B5	PCT	WO 05/020999	03-10-2005			
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	B7	PCT	WO 05/048933	06-02-2005			
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	B20	PCT	WO 05/123080	12-29-2005			
	B21	PCT	WO 06/004737	08-17-2006			
	B22	PCT	WO 06/009832	01-26-2006			
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	B24	PCT	WO 06/026760	03-09-2006			
	B25	PCT	WO 06/028451	03-16-2006			
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	B27	PCT	WO 06/028962	03-16-2006			
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	B29	PCT	WO 06/031878	03-23-2006			
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	B31	PCT	WO 06/065280	06-22-2006			
	B32	PCT	WO 06/074003	07-13-2006			
	B33	PCT	WO 06/083400	08-16-2006			
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	B42	JP	9-208584	08-12-1997			
	B43	JP	11-080156 A	03-26-1999			X
	B44	JP	11-222432	08-17-1999			X
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	B46	EP	0 394 026	10-24-1990			
	B47	EP	1 104 764	06-06-2001			

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OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Wozniak et al., "The Amination of 3-nitro-1, 5-naphthyridines by Liquid Ammonia/Potassium Permanganate ^{1,2} . A New and Convenient Amination Method.", <u>Journal of the Royal Netherlands Chemical Society</u> , 102, pp 511-513, December 12, 1983.
	C2	Brennan et al., "Automated Bioassay of Interferons in Micro-test Plates.", <u>Biotechniques</u> , June/July, 78, 1983.
	C3	Testerman et al., "Cytokine Induction by the Immunomodulators Imiquimod and S-27609.", <u>Journal of Leukocyte Biology</u> , Volume 58, pp. 365-372, September 1995.
	C4	Bachman et al., "Synthesis of Substituted Quinolylamines. Derivatives of 4-Amino-7-Chloroquinoline.", <u>J. Org. Chem</u> , 15, pp 1278-1284 (1950).
	C5	Jain et al., "Chemical and Pharmacological Investigations of Some ω -Substituted Alkylamino-3-aminopyridines.", <u>J. Med. Chem.</u> , 11, pp 87-92 (1968).
	C6	Baranov et al., "Pyrazoles, Imidazoles, and Other 5-Membered Rings.", <u>Chem. Abs.</u> 85, 94362, (1976).
	C7	Berényi et al., "Ring Transformation of Condensed Dihydro-as-triazines.", <u>J. Heterocyclic Chem.</u> , 18, pp 1537-1540 (1981).
	C8	Chollet et al., "Development of a Topically Active Imiquimod Formulation.", <u>Pharmaceutical Development and Technology</u> , 4(1), pp 35-43 (1999).
	C9	Izumi et al., "1H-Imidazo[4,5-c]quinoline Derivatives as Novel Potent TNF- α Suppressors: Synthesis and Structure-Activity Relationship of 1-, 2- and 4-Substituted 1H-imidazo[4,5-c]pyridines.", <u>Bioorganic & Medicinal Chemistry</u> , 11, pp 2541-2550 (2003).
	C10	Wermuth et al., "Molecular Variations Based on Isosteric Replacements." <u>The Practice of Medicinal Chemistry</u> , pp 203-237 (1996).

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